

FIG.1

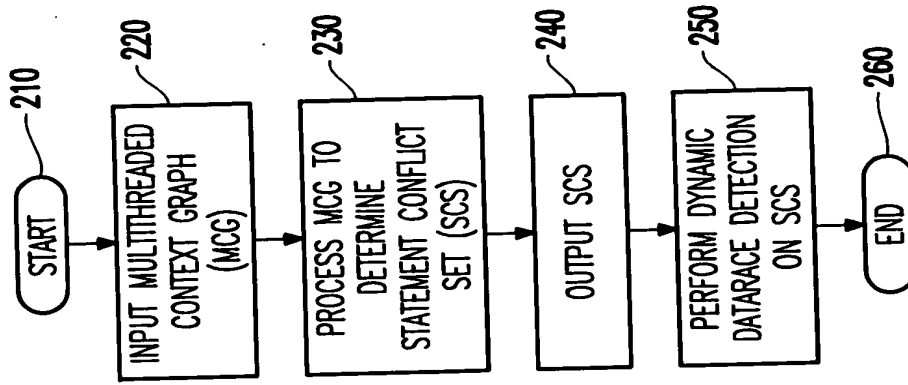


FIG.2

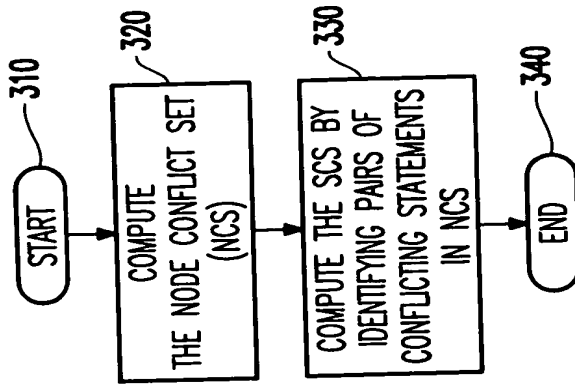


FIG.3

```

// thread T1
synchronized void foo() {
S10: Obj p, q, r;
    ...
S11: p.f = ...;
S12: myRunnable T2 = new myRunnable();
S13: T2.start(); // start T2

S14: synchronized(q) {
S15:     p.f = ...;
S16: } // end of synchronized
S17: ...
S18: T2.join();
S19: ...
} // end of foo()

// thread T2
public void run () {
S20: Obj p, q, r;
    ...
S21: ... = p.f;

S23: ...
S24: synchronized(q) {
S25:     ... = p.f;
S26: } // end of synchronized
S27: ...
} // end of run()

```

EXAMPLE PROGRAM SEGMENT WITH TWO THREADS

FIG.6

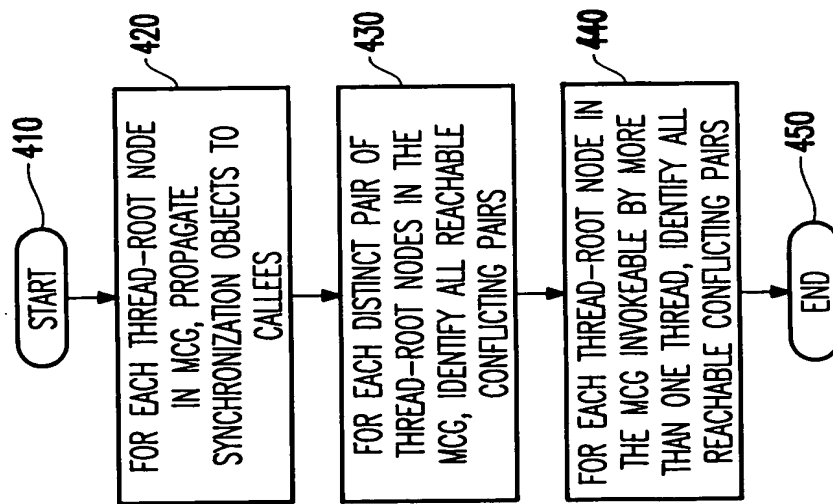


FIG.4

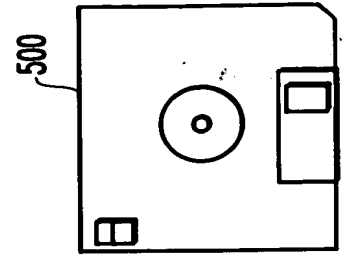


FIG.5